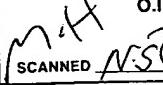


U.S. PRO  
JC914 U.S. PRO  
09/678266  
10/03/00

58	58
Class	Issue Classification

### U.S. UTILITY Patent Application

 SCANNED NSC Q.A. GS	O.I.P.E. PATENT DATE
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APPLICATION NO.	CONT/PRIOR	CLASS	SUBCLASS	ART UNIT	EXAMINER
09/678266		437430	685	2829 1762	<i>[Signature]</i>

APPLICANTS  
 Ming X  
 Ashok Sinha  
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 Alfred Mak

TITLE  
 Method and apparatus for depositing refractory metal layers employing sequential deposition techniques to form a nucleation layer

PTO-2040  
12/89

**ABANDONED**

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#### ISSUING CLASSIFICATION

ORIGINAL		CROSS REFERENCE(S)						
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					
438	685	438	652	653	654	656	680	642
INTERNATIONAL CLASSIFICATION			643	648	761	763		
421	21/44	421	919	124	304	255.28	255.38	255.31
		421	255.392	255.7				
<input type="checkbox"/> Continued on Issue Slip Inside File Jacket								

TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.
<input type="checkbox"/>	9/10	18/15	4	14	1
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	<i>David A. Farrel</i> 8/6/02 (Assistant Examiner)			NOTICE OF ALLOWANCE MAILED 8/13/02	
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent No. _____	<i>Kumar J</i>			ISSUE FEE	
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	<i>Kamand Ceele</i> 8/10/02 (Primary Examiner)			Amount Due	Date Paid
				#1,280	
				ISSUE BATCH NUMBER	
				<i>J. McClinton</i> 8/19/02 (Legal Instruments Examiner)	

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